

Effects of succinate on the growth rates of potato, Rauwolfia, and ginseng in vitro

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Abstract

Effects of succinate on in vitro potato reproduction, callus cultures of *Rauwolfia serpentina*, and *Panax ginseng* roots were studied. The optimum succinate concentration giving the maximum the growth rate of potato shoots and callus mass, was found to be 10^{-5} M. Succinate treatment increased the absolute yield of the alkaloid ajmaline in *Rauwolfia* callus culture, in spite of a decrease in its specific content.
